AEWE

Technology Photo

TECHNICAL DESCRIPTION

Arial Font, size 14. No proprietary information.

TEMPLATE

OPERATIONAL DESCRIPTION

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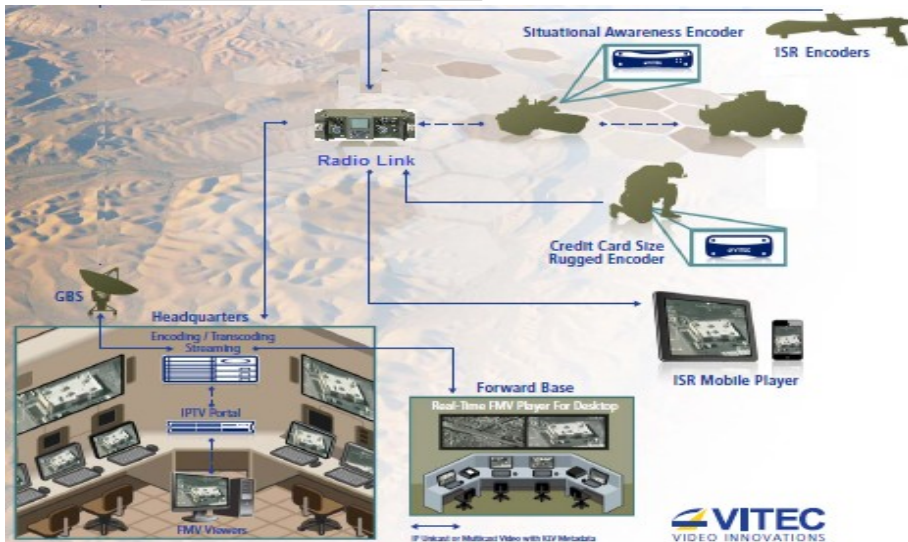## CONTACT INFORMATION

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City, State and Zip Code
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TECHNICAL DESCRIPTION

Network efficient end-to-end FMV System:
- Small, portable, MIL STD appliances encode live video sources on the ground and from airborne assets
- MPEG-4 H.264 HD/SD compression in ultra-low delay utilizing minimum bandwidth
- Adaptive bit-rate technology automatically adjusts FMV stream to meet ever-changing available data pipe
- SDI and HDMI inputs for compatibility
- Image stabilization and KLV/metadata insertion
- Low power designed for battery packs or UAVs
- AES encryption for secure end to end transmission

EXAMPLE

OPERATIONAL DESCRIPTION

Demonstrate an ability to ingest various ISR/Tactical video sources on the battlefield, compress to highly efficient/adaptive FMV streams for dissemination over Radio link to other battlefield assets or the rear HQs.
- Capitalizes on current tactical radios for transmission of critical ISR video
- Maximizes real time information sharing between front line and higher echelon commands
- Specialized Software for archiving and sharing FMV assets and integration with 3D maps
- Real time recording and sharing of tactical

CONTACT INFORMATION

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